FS2.60/9:16/51

NATIONAL COMMUNICABLE DISEASE CENTER

# Morbidity and Mortality

Vol. 16, No. 51

WEEKLY REPORT

Week Ending December 23, 1967

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

## CURRENT TRENDS
### INFLUENZA – Recent Reports

For the week ending December 23, 1967, reports from 24 states indicate that outbreaks of influenza-like illness are occurring, manifested primarily by an increase in school absenteeism. Documentation of influenza activity is not yet available in 14 of these states: Arkansas, Indiana, Louisiana, Maryland, Mississippi, Missouri, Nebraska, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, and Wisconsin. In all the states, the outbreaks have been focal and sporadic (Figure 1). In addition to the six states that had documented influenza activity as of last week (MMWR, Vol. 16, No. 50), Georgia, Illinois, Iowa, and Kansas have recently documented outbreaks (Figure 2).

In Illinois, there have been four isolations of A2 influenza viruses, three from specimens taken from students at the University of Chicago and one taken from an outbreak of febrile respiratory illness in southern Illinois.

*(Continued on page 430)*

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**TABLE 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES**
(Cumulative totals include revised and delayed reports through previous weeks)

| DISEASE | 51st WEEK ENDED | | MEDIAN | CUMULATIVE, FIRST 51 WEEKS | | |
|---|---|---|---|---|---|---|
| | DECEMBER 23, 1967 | DECEMBER 24, 1966 | 1962 - 1966 | 1967 | 1966 | MEDIAN 1962 - 1966 |
| Aseptic meningitis | 20 | 48 | 39 | 2,940 | 2,915 | 2,115 |
| Brucellosis | – | 4 | 8 | 242 | 243 | 375 |
| Diphtheria | 3 | 7 | 7 | 202 | 195 | 288 |
| Encephalitis, primary: | | | | | | |
| Arthropod-borne & unspecified | 14 | 32 | - - - | 1,538 | 2,115 | - - - |
| Encephalitis, post-infectious | 11 | 8 | - - - | 749 | 706 | - - - |
| Hepatitis, serum | 37 | 36 | 664 | 2,302 | 1,463 | 37,137 |
| Hepatitis, infectious | 755 | 613 | | 38,001 | 31,888 | |
| Malaria | 35 | 13 | 3 | 2,056 | 509 | 103 |
| Measles (rubeola) | 262 | 998 | 3,252 | 61,798 | 201,778 | 384,305 |
| Meningococcal infections, total | 33 | 47 | 50 | 2,105 | 3,335 | 2,762 |
| Civilian | 32 | 41 | - - - | 1,975 | 3,010 | - - - |
| Military | 1 | 6 | - - - | 130 | 325 | - - - |
| Poliomyelitis, total | – | 1 | 1 | 41 | 99 | 115 |
| Paralytic | – | 1 | 1 | 28 | 93 | 93 |
| Rubella (German measles) | 375 | 362 | - - - | 43,853 | 45,665 | - - - |
| Streptococcal sore throat & scarlet fever | 7,421 | 8,548 | 6,985 | 437,454 | 413,412 | 381,811 |
| Tetanus | 3 | 7 | 3 | 226 | 198 | 273 |
| Tularemia | – | 4 | 8 | 165 | 180 | 287 |
| Typhoid fever | – | 4 | 6 | 393 | 368 | 448 |
| Typhus, tick-borne (Rky. Mt. spotted fever) | 1 | 1 | 1 | 298 | 252 | 224 |
| Rabies in animals | 36 | 41 | 42 | 4,087 | 3,908 | 3,908 |

**TABLE 2. NOTIFIABLE DISEASES OF LOW FREQUENCY**

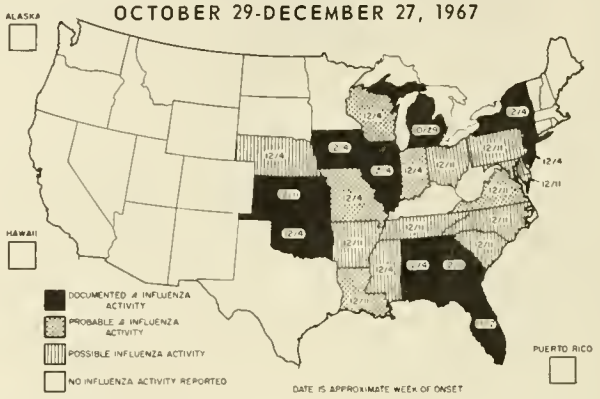
| | Cum. | | Cum. |
|---|---|---|---|
| Anthrax | 2 | Rabies in man | 2 |
| Botulism: N.Y.C.-2 | 5 | Rubella, Congenital Syndrome | 9 |
| Leptospirosis | 45 | Trichinosis: Mont.-1 | 60 |
| Plague | 3 | Typhus, murine | 43 |
| Psittacosis | 44 | Polio, Unsp. | 13 |

No report from Texas due to Monday and Tuesday holidays.

## INFLUENZA – Recent Reports *(Continued from front page)*

Figure 1
REPORTED INFLUENZA-LIKE DISEASE BY COUNTY
UNITED STATES – OCTOBER 29-DECEMBER 27, 1967

Figure 2
INCIDENCE OF INFLUENZA AND INFLUENZA-LIKE DISEASE BY STATE AS REPORTED TO NCDC
OCTOBER 29-DECEMBER 27, 1967




In Kansas, complement fixation tests on groups of acute and convalescent sera taken from a Kansas City high school show a significant rise in geometric mean titer against the soluble influenza A group antigen but not against the soluble influenza B group antigen. In addition, the NCDC Kansas City Field Station has isolated an A2 influenza virus from an outbreak in Franklin County.

Four counties in Iowa have reported influenza-like illnesses resulting in abnormal increases in school absenteeism. Paired sera from persons in two of these outbreaks have demonstrated diagnostic rises in complement-fixing influenza A antibody. One of these two sets of sera have also demonstrated diagnostic rises in hemagglutination inhibition influenza A2 antibody.

In Georgia, an A2 influenza virus has been isolated from the Atlanta area by the Influenza Laboratory of the Respiratory Virus Infections Unit of NCDC.

In Missouri, there have been focal outbreaks of febrile respiratory illness beginning in the week of December 4, 1967. In St. Louis, six out of nine throat smears from ill patients at a city hospital were positive by the experimental fluorescent antibody technique. This is presumptive evidence for A influenza activity in the St. Louis area.

There have also been focal outbreaks of influenza-like illness in Louisiana. Positive throat smears have been obtained from two outbreaks using the experimental fluorescent antibody technique.

Two additional isolations of A2 influenza virus have been reported by the New York City Health Department. Additional outbreaks of influenza-like illness have been reported from Alabama, Florida, New Jersey, and Oklahoma.

To date there has been no excess mortality for the country as a whole or for any of the nine geographic divisions. Mortality figures in the holiday season are often unrepresentative, however, and a clearer picture may be available in approximately 3 weeks.

*(Reported by Dr. John E. McCroan, Georgia Department of Public Health; Dr. Norman J. Rose and Richard Morrissey, M.P.H., Illinois Department of Public Health; Dr. Arnold M. Reeve, Iowa State Department of Health; Dr. W. J. Hausler, Jr., Iowa State Hygienic Laboratory; Dr. Donald E. Wilcox, Kansas State Department of Health; Dr. Charles T. Caraway and Dr. George H. Hauser, Louisiana State Department of Health; Dr. William J. Mogabgab, Professor of Medicine, Tulane University, Louisiana; Dr. E. A. Belden, Missouri Department of Public Health and Welfare; Dr. Valgard Jonsson, Public Health Laboratory, City of St. Louis, Missouri; Dr. Tibor Fodor and Dr. Stephen Milian, New York City Health Department.)*

## RECOMMENDATION OF THE PUBLIC HEALTH SERVICE ADVISORY COMMITTEE ON IMMUNIZATION PRACTICES

*The Public Health Service Advisory Committee on Immunization Practices meeting on October 12, 1967, reviewed all available data on the recently developed live attenuated mumps virus vaccine and prepared the following recommendations on its use in public health and preventive medical programs. Publication of the recommendations has been planned to coincide approximately with vaccine licensure when the comments would be most pertinent.*

### MUMPS VACCINE

#### Introduction

A live attenuated mumps virus vaccine* has recently become available for general use. It is, therefore, appropriate to describe the circumstances under which this vaccine might be considered for use.

Mumps, one of the common communicable diseases, is observed with greatest frequency in young school-age children. However, approximately 15 percent of reported cases occur after the onset of puberty. Overt evidence of central nervous system disease with sequelae is rare, although meningeal involvement appears to be common. Orchitis has been reported in up to 20 percent of the clinical mumps cases occurring in post-pubertal males. Symptomatic involvement of other glands and organs is observed less frequently.

All naturally acquired mumps infections, including the estimated 30 percent which are subclinical, confer durable immunity.

## Live Mumps Vaccine

Live mumps vaccine is prepared in chick embryo cell culture. It produces an inapparent, noncommunicable infection following administration. Febrile reactions and mumps-like symptoms have not been associated with the vaccine.

More than 95 percent of susceptible vaccinees develop detectable antibodies after vaccination, although titers are lower than those induced by natural infection. The pattern of antibody persistence parallels that seen following clinical mumps although at a lower level. The long-term duration of antibody is unknown at the present time; individuals have been observed for only two years following vaccination because the vaccine is a recent development.

Excellent protection against naturally occurring mumps has been documented in vaccinees for the first year after vaccination. Limited data on natural exposure during the second year indicate continuing protection.

## Recommendations for Vaccine Use

Live mumps vaccine may be considered for use in children approaching puberty, in adolescents, and in adults, especially males, if they have not had mumps.** The vaccine is not specifically contraindicated for younger children, but until more information on the duration of immunity is available, the vaccine is not recommended for routine use. Furthermore, mumps immunization should not be allowed to compromise the effectiveness of public health programs of already established importance.

### Age

Live mumps vaccine should not be administered to children less than 12 months of age because of the possible persistence of interfering maternal antibody.

### High Risk Groups

Epidemic mumps can be particularly disruptive to normal routine in large groups of susceptible individuals. Children living in institutions, for example, might benefit from vaccination against the disease.

### Prevention of Noturol Mumps Following Exposure

Adults and adolescents who are susceptible to mumps by clinical history present a perplexing medical problem when exposed to mumps.*** It is not now known if live mumps vaccine will provide protection when administered after exposure. There is, however, no contraindication to its use at that time.

## Precautions in Using Live Mumps Vaccine

### Severe Febrile Illnesses

Vaccination should be postponed until the patient is completely recovered.

### Marked Hypersensitivity to Vaccine Components

Mumps vaccine is produced in chick embryo cell culture and should not be given to persons hypersensitive to ingested egg proteins. Also, the vaccine contains small amounts of neomycin, so it should not be given to individuals known to be sensitive to this antibiotic.

### Leukemia, Lymphomas, and Other Generalized Malignancies

Theoretically, attenuated mumps virus infection might be potentiated by other severe underlying diseases, such as lymphomas and generalized malignancies.

### Altered Resistance from Therapy

Steroids, alkylating drugs, antimetabolites, and radiation may predispose to untoward complications due to altered resistance.

### Pregnancy

Mumps virus infection is not known to exert any untoward effects on the developing fetus. It is reasonable on theoretical grounds, however, to avoid using the live mumps vaccine during pregnancy.

## Simultaneous Administration of Live Mumps Vaccine With Other Antigens

In order to evaluate the live mumps vaccine adequately, its simultaneous administration with other vaccines should be deferred until results of controlled clinical investigations are available. Until then, it is recommended that mumps vaccination be separated from other immunization procedures by about one month whenever possible.

## Continued Surveillance

Careful surveillance of mumps is particularly important now that an effective vaccine is available. There is need to emphasize improved reporting of mumps cases, complications of cases, patterns of vaccine use, effectiveness of vaccine after exposure to natural infection, and general vaccine performance. These data will help to delineate the epidemiologic characteristics of the disease and to define future use of the vaccine.

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*Official name: Mumps virus vaccine, live.

**The single individual dose recommended by the manufacturer should be employed.

***Inactivated mumps vaccine and mumps hyperimmune globulin are of questionable effectiveness under these circumstances.

TABLE 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED
DECEMBER 23, 1967 AND DECEMBER 24, 1966 (51st WEEK)

| AREA | ASEPTIC MENINGITIS | | BRUCELLOSIS | DIPHTHERIA | ENCEPHALITIS | | | HEPATITIS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Primary including unsp. cases | | Post-Infectious | Serum | | Infectious | |
| | 1967 | 1966 | 1967 | 1967 | 1967 | 1966 | 1967 | 1967 | 1966 | 1967 | 1966 |
| UNITED STATES... | 20 | 48 | - | 3 | 14 | 32 | 11 | 37 | 36 | 755 | 613 |
| NEW ENGLAND..... | - | - | - | - | 3 | - | 1 | 2 | - | 42 | 41 |
| Maine..... | - | - | - | - | - | - | - | - | - | 3 | 3 |
| New Hampshire..... | - | - | - | - | - | - | - | - | - | 2 | 1 |
| Vermont..... | - | - | - | - | - | - | - | - | - | - | 1 |
| Massachusetts..... | - | - | - | - | 1 | - | 1 | - | - | 16 | 20 |
| Rhode Island..... | - | - | - | - | 2 | - | - | 2 | - | 5 | 1 |
| Connecticut..... | - | - | - | - | - | - | - | - | - | 16 | 15 |
| MIDDLE ATLANTIC..... | 1 | 8 | - | - | 1 | 6 | 1 | 6 | 27 | 109 | 112 |
| New York City..... | 1 | 3 | - | - | - | 4 | - | 4 | 18 | 16 | 19 |
| New York, up-State. | - | - | - | - | - | - | - | - | - | 33 | 27 |
| New Jersey..... | - | 4 | - | - | - | 1 | - | 2 | 5 | 20 | 19 |
| Pennsylvania..... | - | 1 | - | - | 1 | 1 | 1 | - | 4 | 40 | 47 |
| EAST NORTH CENTRAL... | 4 | 5 | - | - | 7 | 5 | 1 | 1 | - | 120 | 127 |
| Ohio..... | - | 1 | - | - | 2 | 3 | - | - | - | 46 | 23 |
| Indiana..... | - | - | - | - | - | - | - | - | - | 18 | 8 |
| Illinois..... | - | 2 | - | - | - | 2 | 1 | - | - | 19 | 26 |
| Michigan..... | 4 | 1 | - | - | 5 | - | - | 1 | - | 36 | 53 |
| Wisconsin..... | - | 1 | - | - | - | - | - | - | - | 1 | 17 |
| WEST NORTH CENTRAL... | 1 | 3 | - | - | - | 3 | 1 | 1 | 1 | 47 | 43 |
| Minnesota..... | - | 1 | - | - | - | - | 1 | 1 | 1 | 23 | 8 |
| Iowa..... | 1 | - | - | - | - | 1 | - | - | - | 6 | 10 |
| Missouri..... | - | - | - | - | - | 2 | - | - | - | 9 | 17 |
| North Dakota..... | - | - | - | - | - | - | - | - | - | - | - |
| South Dakota..... | - | - | - | - | - | - | - | - | - | - | - |
| Nebraska..... | - | - | - | - | - | - | - | - | - | 3 | 1 |
| Kansas..... | - | 2 | - | - | - | - | - | - | - | 6 | 7 |
| SOUTH ATLANTIC..... | 1 | 9 | - | 2 | - | 9 | 2 | - | 1 | 73 | 56 |
| Delaware..... | - | - | - | - | - | - | - | - | - | - | 5 |
| Maryland..... | - | 1 | - | - | - | 3 | 1 | - | 1 | 10 | 12 |
| Dist. of Columbia.. | - | - | - | - | - | - | - | - | - | - | - |
| Virginia..... | - | 1 | - | - | - | 1 | - | - | - | 10 | 16 |
| West Virginia..... | 1 | 1 | - | - | - | 1 | - | - | - | 4 | 9 |
| North Carolina..... | - | 4 | - | - | - | 1 | - | - | - | 2 | 3 |
| South Carolina..... | - | - | - | - | - | 1 | - | - | - | - | - |
| Georgia..... | - | - | - | 2 | - | - | - | - | - | 41 | 3 |
| Florida..... | - | 2 | - | - | - | 2 | 1 | - | - | 6 | 8 |
| EAST SOUTH CENTRAL... | 2 | 7 | - | 1 | 3 | - | - | - | - | 61 | 26 |
| Kentucky..... | 2 | - | - | - | - | - | - | - | - | 33 | 4 |
| Tennessee..... | - | 3 | - | - | 3 | - | - | - | - | 18 | 14 |
| Alabama..... | - | - | - | 1 | - | - | - | - | - | 4 | 1 |
| Mississippi..... | - | 4 | - | - | - | - | - | - | - | 6 | 7 |
| WEST SOUTH CENTRAL... | - | 5 | - | - | - | 2 | - | - | 1 | 43 | 36 |
| Arkansas..... | - | - | - | - | - | - | - | - | - | 6 | 1 |
| Louisiana..... | - | 2 | - | - | - | - | - | - | 1 | 14 | 7 |
| Oklahoma..... | - | 1 | - | - | - | 1 | - | - | - | 23 | 1 |
| Texas..... | --- | 2 | --- | --- | --- | 1 | --- | --- | - | --- | 27 |
| MOUNTAIN..... | - | - | - | - | - | 1 | - | - | - | 65 | 33 |
| Montana..... | - | - | - | - | - | - | - | - | - | 6 | 3 |
| Idaho..... | - | - | - | - | - | - | - | - | - | 1 | 5 |
| Wyoming..... | - | - | - | - | - | - | - | - | - | - | - |
| Colorado..... | - | - | - | - | - | 1 | - | - | - | 7 | 2 |
| New Mexico..... | - | - | - | - | - | - | - | - | - | 5 | 9 |
| Arizona..... | - | - | - | - | - | - | - | - | - | 41 | 9 |
| Utah..... | - | - | - | - | - | - | - | - | - | 5 | 5 |
| Nevada..... | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC..... | 11 | 11 | - | - | - | 6 | 5 | 27 | 6 | 195 | 139 |
| Washington..... | - | 3 | - | - | - | - | - | - | - | 16 | 11 |
| Oregon..... | - | - | - | - | - | 1 | - | 3 | - | 20 | 33 |
| California..... | 9 | 8 | - | - | - | 5 | 5 | 24 | 6 | 155 | 92 |
| Alaska..... | - | - | - | - | - | - | - | - | - | 2 | - |
| Hawaii..... | 2 | - | - | - | - | - | - | - | - | 2 | 3 |
| Puerto Rico | - | 1 | - | - | - | - | - | - | - | 15 | 8 |

TABLE 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 23, 1967 AND DECEMBER 24, 1966 (51st WEEK) - CONTINUED

| AREA | MALARIA | MEASLES (Rubeola) | | | MENINGOCOCCAL INFECTIONS, TOTAL | | | POLIOMYELITIS | | | RUBELLA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Cumulative | | | Cumulative | | Total | Paralytic | | |
| | 1967 | 1967 | 1967 | 1966 | 1967 | 1967 | 1966 | 1967 | 1967 | Cum. 1967 | 1967 |
| UNITED STATES... | 35 | 262 | 61,798 | 201,778 | 33 | 2,105 | 3,335 | - | - | 28 | 375 |
| NEW ENGLAND..... | - | 16 | 954 | 2,584 | 2 | 84 | 154 | - | - | - | 42 |
| Maine..... | - | - | 262 | 301 | - | 3 | 12 | - | - | - | 3 |
| New Hampshire..... | - | - | 78 | 80 | - | 4 | 11 | - | - | - | - |
| Vermont..... | - | - | 42 | 345 | 1 | 2 | 4 | - | - | - | - |
| Massachusetts..... | - | 14 | 409 | 836 | 1 | 38 | 62 | - | - | - | 21 |
| Rhode Island..... | - | - | 62 | 75 | - | 6 | 21 | - | - | - | 1 |
| Connecticut..... | - | 2 | 101 | 947 | - | 31 | 44 | - | - | - | 17 |
| MIDDLE ATLANTIC..... | 2 | 62 | 2,621 | 18,600 | 6 | 354 | 442 | - | - | 5 | 33 |
| New York City..... | 1 | 3 | 523 | 8,376 | 1 | 68 | 65 | - | - | 1 | 17 |
| New York, Up-State. | - | 15 | 656 | 2,680 | 3 | 87 | 115 | - | - | 1 | 5 |
| New Jersey..... | - | 41 | 652 | 2,028 | - | 113 | 137 | - | - | - | 10 |
| Pennsylvania..... | 1 | 3 | 790 | 5,516 | 2 | 86 | 125 | - | - | 3 | 1 |
| EAST NORTH CENTRAL... | - | 67 | 6,295 | 70,488 | 4 | 290 | 532 | - | - | 6 | 139 |
| Ohio..... | - | 16 | 1,218 | 6,471 | 1 | 95 | 157 | - | - | - | 45 |
| Indiana..... | - | 4 | 673 | 5,832 | - | 31 | 88 | - | - | 3 | 8 |
| Illinois..... | - | 3 | 1,242 | 11,538 | 1 | 67 | 96 | - | - | - | 16 |
| Michigan..... | - | 13 | 1,039 | 15,186 | 2 | 76 | 135 | - | - | 3 | 39 |
| Wisconsin..... | - | 31 | 2,123 | 31,461 | - | 21 | 56 | - | - | - | 31 |
| WEST NORTH CENTRAL... | : | 7 | 3,003 | 9,344 | 1 | 101 | 177 | - | - | 3 | 20 |
| Minnesota..... | - | - | 139 | 1,688 | - | 22 | 40 | - | - | - | 2 |
| Iowa..... | - | 3 | 818 | 5,463 | - | 22 | 23 | - | - | 1 | 7 |
| Missouri..... | - | - | 340 | 539 | 1 | 22 | 66 | - | - | - | 1 |
| North Dakota..... | - | 1 | 891 | 1,414 | - | 3 | 11 | - | - | - | 2 |
| South Dakota..... | - | - | 58 | 40 | - | 7 | 6 | - | - | - | - |
| Nebraska..... | - | - | 660 | 200 | - | 15 | 12 | - | - | - | 8 |
| Kansas..... | 1 | 3 | 97 | NN | - | 10 | 19 | - | - | 2 | - |
| SOUTH ATLANTIC..... | 3 | 38 | 7,385 | 16,268 | 8 | 414 | 564 | - | - | 2 | 21 |
| Delaware..... | - | - | 51 | 267 | - | 8 | 7 | - | - | - | - |
| Maryland..... | - | 2 | 182 | 2,126 | 1 | 57 | 53 | - | - | 1 | 2 |
| Dist. of Columbia.. | - | 1 | 26 | 390 | 1 | 16 | 15 | - | - | - | - |
| Virginia..... | - | 16 | 2,342 | 2,273 | 2 | 47 | 71 | - | - | - | 1 |
| West Virginia..... | - | 7 | 1,484 | 5,562 | - | 38 | 44 | - | - | - | 7 |
| North Carolina..... | 3 | 4 | 939 | 786 | 2 | 88 | 142 | - | - | 1 | - |
| South Carolina..... | - | - | 514 | 664 | 1 | 34 | 55 | - | - | - | - |
| Georgia..... | - | - | 42 | 244 | - | 60 | 77 | - | - | - | - |
| Florida..... | - | 8 | 1,805 | 3,956 | 1 | 66 | 100 | - | - | - | 11 |
| EAST SOUTH CENTRAL... | 21 | 9 | 5,518 | 20,745 | 2 | 168 | 284 | - | - | 2 | 12 |
| Kentucky..... | 19 | 1 | 1,433 | 4,869 | 1 | 48 | 97 | - | - | - | - |
| Tennessee..... | - | 7 | 2,050 | 12,705 | 1 | 74 | 96 | - | - | - | 12 |
| Alabama..... | 2 | - | 1,357 | 1,808 | - | 29 | 62 | - | - | - | - |
| Mississippi..... | - | 1 | 678 | 1,363 | - | 17 | 29 | - | - | 2 | - |
| WEST SOUTH CENTRAL... | 3 | 3 | 18,129 | 27,172 | 2 | 261 | 444 | - | - | 10 | - |
| Arkansas..... | - | - | 1,404 | 1,182 | - | 41 | 37 | - | - | 1 | - |
| Louisiana..... | - | 3 | 159 | 103 | 2 | 104 | 170 | - | - | 1 | - |
| Oklahoma..... | 3 | - | 3,359 | 666 | - | 18 | 23 | - | - | 1 | - |
| Texas..... | --- | --- | 13,207 | 25,221 | --- | 98 | 214 | --- | --- | 7 | --- |
| MOUNTAIN..... | - | 12 | 4,907 | 12,712 | - | 40 | 94 | - | - | - | 15 |
| Montana..... | - | 3 | 337 | 1,933 | - | 5 | 5 | - | - | - | 4 |
| Idaho..... | - | 4 | 409 | 1,711 | - | 3 | 5 | - | - | - | 3 |
| Wyoming..... | - | 2 | 206 | 235 | - | 1 | 6 | - | - | - | - |
| Colorado..... | - | - | 1,632 | 1,435 | - | 13 | 49 | - | - | - | 5 |
| New Mexico..... | - | 2 | 609 | 1,269 | - | 5 | 10 | - | - | - | - |
| Arizona..... | - | 1 | 1,060 | 5,376 | - | 6 | 13 | - | - | - | 1 |
| Utah..... | - | - | 385 | 686 | - | 4 | 1 | - | - | - | 2 |
| Nevada..... | - | - | 269 | 67 | - | 3 | 5 | - | - | - | - |
| PACIFIC..... | 5 | 48 | 12,986 | 23,865 | 8 | 393 | 644 | - | - | - | 93 |
| Washington..... | 2 | 7 | 5,681 | 5,285 | - | 38 | 58 | - | - | - | 25 |
| Oregon..... | - | 7 | 1,713 | 2,547 | 1 | 31 | 43 | - | - | - | 20 |
| California..... | 3 | 34 | 5,269 | 15,222 | 7 | 309 | 521 | - | - | - | 37 |
| Alaska..... | - | - | 141 | 646 | - | 11 | 18 | - | - | - | 11 |
| Hawaii..... | - | - | 182 | 165 | - | 4 | 4 | - | - | - | - |
| Puerto Rico..... | - | 1 | 2,243 | 3,509 | - | 15 | 19 | - | - | - | - |

TABLE 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
DECEMBER 23, 1967 AND DECEMBER 24, 1966 (51st WEEK) - CONTINUED

| AREA | STREPTOCOCCAL SORE THROAT & SCARLET FEVER | TETANUS | | TULAREMIA | | TYPHOID | | TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted) | | RABIES IN ANIMALS | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1967 | 1967 | Cum. 1967 | 1967 | Cum. 1967 | 1967 | Cum. 1967 | 1967 | Cum. 1967 | 1967 | Cum. 1967 |
| UNITED STATES... | 7,421 | 3 | 226 | - | 165 | - | 393 | 1 | 298 | 36 | 4,087 |
| NEW ENGLAND..... | 1,181 | - | 3 | - | 1 | - | 10 | - | 1 | 2 | 106 |
| Maine..... | 36 | - | - | - | - | - | - | - | - | - | 24 |
| New Hampshire..... | 19 | - | - | - | - | - | - | - | - | - | 48 |
| Vermont..... | 24 | - | - | - | - | - | - | - | - | 2 | 27 |
| Massachusetts..... | 337 | - | 1 | - | 1 | - | 6 | - | 1 | - | 5 |
| Rhode Island..... | 89 | - | - | - | - | - | 1 | - | - | - | 2 |
| Connecticut..... | 676 | - | 2 | - | - | - | 3 | - | - | - | - |
| MIDDLE ATLANTIC..... | 317 | - | 16 | - | 1 | - | 40 | - | 35 | 2 | 102 |
| New York City..... | 14 | - | 9 | - | - | - | 21 | - | - | - | - |
| New York, Up-State. | 266 | - | 1 | - | 1 | - | 11 | - | 9 | 2 | 86 |
| New Jersey..... | NN | - | 1 | - | - | - | 4 | - | 15 | - | - |
| Pennsylvania..... | 37 | - | 5 | - | - | - | 4 | - | 11 | - | 16 |
| EAST NORTH CENTRAL... | 971 | - | 27 | - | 15 | - | 43 | - | 22 | 2 | 378 |
| Ohio..... | 111 | - | 4 | - | - | - | 15 | - | 11 | - | 131 |
| Indiana..... | 189 | - | 3 | - | 2 | - | 11 | - | 1 | - | 86 |
| Illinois..... | 164 | - | 13 | - | 13 | - | 7 | - | 10 | 1 | 72 |
| Michigan..... | 292 | - | 6 | - | - | - | 8 | - | - | 1 | 25 |
| Wisconsin..... | 215 | - | 1 | - | - | - | 2 | - | - | - | 64 |
| WEST NORTH CENTRAL... | 182 | - | 17 | - | 23 | - | 21 | - | 4 | 5 | 963 |
| Minnesota..... | 41 | - | 6 | - | - | - | 2 | - | 1 | 2 | 193 |
| Iowa..... | 44 | - | 2 | - | 2 | - | 3 | - | - | 1 | 134 |
| Missouri..... | 3 | - | 7 | - | 9 | - | 10 | - | 1 | - | 172 |
| North Dakota..... | 36 | - | - | - | - | - | - | - | - | 1 | 170 |
| South Dakota..... | 39 | - | 1 | - | 2 | - | - | - | - | - | 116 |
| Nebraska..... | 4 | - | - | - | - | - | 4 | - | 2 | 1 | 71 |
| Kansas..... | 15 | - | 1 | - | 10 | - | 2 | - | - | - | 107 |
| SOUTH ATLANTIC..... | 1,015 | 1 | 48 | - | 12 | - | 63 | 1 | 120 | 9 | 485 |
| Delaware..... | 6 | - | - | - | - | - | - | - | - | - | - |
| Maryland..... | 166 | - | - | - | - | - | 2 | - | 21 | - | 4 |
| Dist. of Columbia.. | 23 | - | - | - | - | - | 3 | - | - | - | 6 |
| Virginia..... | 254 | 1 | 11 | - | 2 | - | 9 | - | 28 | 4 | 209 |
| West Virginia..... | 183 | - | 1 | - | 2 | - | 2 | - | 1 | - | 62 |
| North Carolina..... | 46 | - | 8 | - | - | - | 4 | - | 47 | - | 3 |
| South Carolina..... | 58 | - | 1 | - | 2 | - | 10 | - | 5 | - | 2 |
| Georgia..... | 9 | - | 4 | - | 5 | - | 21 | 1 | 18 | 3 | 119 |
| Florida..... | 270 | - | 23 | - | 1 | - | 12 | - | - | 2 | 80 |
| EAST SOUTH CENTRAL... | 1,272 | 1 | 34 | - | 13 | - | 65 | - | 53 | 7 | 785 |
| Kentucky..... | 13 | - | 4 | - | 2 | - | 24 | - | 15 | 7 | 184 |
| Tennessee..... | 1,167 | - | 8 | - | 8 | - | 12 | - | 26 | - | 540 |
| Alabama..... | 33 | 1 | 12 | - | 1 | - | 12 | - | 12 | - | 51 |
| Mississippi..... | 59 | - | 10 | - | 2 | - | 17 | - | - | - | 10 |
| WEST SOUTH CENTRAL... | 88 | 1 | 55 | - | 83 | - | 43 | - | 43 | 7 | 909 |
| Arkansas..... | 9 | - | 6 | - | 48 | - | 13 | - | 14 | 2 | 115 |
| Louisiana..... | 2 | 1 | 5 | - | 8 | - | 17 | - | 2 | - | 70 |
| Oklahoma..... | 77 | - | 4 | - | 20 | - | 8 | - | 16 | 5 | 359 |
| Texas..... | --- | --- | 40 | --- | 7 | --- | 5 | --- | 11 | --- | 365 |
| MOUNTAIN..... | 1,200 | - | 3 | - | 11 | - | 22 | - | 9 | - | 115 |
| Montana..... | 54 | - | - | - | 2 | - | 2 | - | - | - | - |
| Idaho..... | 92 | - | - | - | - | - | - | - | - | - | - |
| Wyoming..... | 86 | - | - | - | 2 | - | 1 | - | - | - | 5 |
| Colorado..... | 738 | - | 2 | - | 1 | - | 12 | - | 9 | - | 10 |
| New Mexico..... | 62 | - | 1 | - | - | - | 3 | - | - | - | 34 |
| Arizona..... | 112 | - | - | - | - | - | 4 | - | - | - | 54 |
| Utah..... | 56 | - | - | - | 6 | - | - | - | - | - | 3 |
| Nevada..... | - | - | - | - | - | - | - | - | - | - | 9 |
| PACIFIC..... | 1,195 | - | 23 | - | 6 | - | 86 | - | 11 | 2 | 244 |
| Washington..... | 140 | - | - | - | 2 | - | 2 | - | 2 | - | 2 |
| Oregon..... | 150 | - | 1 | - | 1 | - | 3 | - | 3 | - | 4 |
| California..... | 851 | - | 18 | - | 3 | - | 78 | - | 6 | 2 | 238 |
| Alaska..... | 46 | - | - | - | - | - | - | - | - | - | - |
| Hawaii..... | 8 | - | 4 | - | - | - | 3 | - | - | - | - |
| Puerto Rico..... | 4 | - | 18 | - | - | - | 8 | - | - | - | 35 |

Week No. 51 TABLE 4. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED DECEMBER 23, 1967

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

| Area | All Causes | | Pneumonia and Influenza All Ages | Under 1 year All Causes |
|---|---|---|---|---|
| | All Ages | 65 years and over | | |
| NEW ENGLAND: | 745 | 459 | 38 | 40 |
| Boston, Mass. | 241 | 144 | 13 | 12 |
| Bridgeport, Conn. | 40 | 23 | 6 | 2 |
| Cambridge, Mass. | 29 | 19 | - | - |
| Fall River, Mass. | 32 | 21 | - | - |
| Hartford, Conn. | 55 | 32 | 1 | 5 |
| Lowell, Mass. | 39 | 29 | 4 | 2 |
| Lynn, Mass. | 28 | 21 | - | 1 |
| New Bedford, Mass. | 23 | 14 | 1 | 2 |
| New Haven, Conn. | 52 | 28 | 1 | 8 |
| Providence, R. I. | 49 | 29 | - | 1 |
| Somerville, Mass. | 16 | 11 | 2 | 2 |
| Springfield, Mass. | 61 | 38 | 5 | 3 |
| Waterbury, Conn. | 28 | 17 | - | 1 |
| Worcester, Mass. | 52 | 33 | 5 | 1 |
| MIDDLE ATLANTIC: | 3,632 | 2,184 | 162 | 121 |
| Albany, N. Y. | 62 | 32 | - | - |
| Allentown, Pa. | 40 | 27 | 3 | - |
| Buffalo, N. Y. | 170 | 93 | 2 | 9 |
| Camden, N. J. | 43 | 19 | 5 | 4 |
| Elizabeth, N. J. | 39 | 23 | 1 | 1 |
| Erie, Pa. | 41 | 26 | - | 1 |
| Jersey City, N. J. | 74 | 39 | 5 | 4 |
| Newark, N. J. | 77 | 40 | 4 | 4 |
| New York City, N. Y. | 1,938 | 1,191 | 101 | 51 |
| Paterson, N. J. | 37 | 17 | 2 | 4 |
| Philadelphia, Pa. | 487 | 278 | 12 | 23 |
| Pittsburgh, Pa. | 208 | 124 | 2 | 9 |
| Reading, Pa. | 55 | 42 | 3 | - |
| Rochester, N. Y. | 106 | 68 | 3 | 2 |
| Schenectady, N. Y. | 41 | 24 | 1 | - |
| Scranton, Pa. | 38 | 26 | 1 | 1 |
| Syracuse, N. Y. | 57 | 31 | 1 | 6 |
| Trenton, N. J. | 49 | 26 | 1 | 2 |
| Utica, N. Y. | 37 | 35 | 8 | - |
| Yonkers, N. Y. | 33 | 23 | 7 | - |
| EAST NORTH CENTRAL: | 2,832 | 1,659 | 103 | 147 |
| Akron, Ohio | 73 | 38 | - | 5 |
| Canton, Ohio | 21 | 11 | - | 1 |
| Chicago, Ill. | 899 | 509 | 43 | 41 |
| Cincinnati, Ohio | 151 | 91 | 2 | 13 |
| Cleveland, Ohio | 207 | 105 | 1 | 9 |
| Columbus, Ohio | 138 | 85 | 3 | 2 |
| Dayton, Ohio | 66 | 38 | 1 | 6 |
| Detroit, Mich. | 452 | 275 | 15 | 24 |
| Evansville, Ind. | 41 | 28 | - | 1 |
| Flint, Mich. | 59 | 32 | 1 | 5 |
| Fort Wayne, Ind. | 42 | 24 | 5 | 2 |
| Gary, Ind. | 46 | 24 | 3 | 2 |
| Grand Rapids, Mich. | 54 | 38 | 7 | 1 |
| Indianapolis, Ind. | 173 | 108 | 3 | 14 |
| Madison, Wis. | 18 | 8 | - | 1 |
| Milwaukee, Wis. | 102 | 69 | 3 | 3 |
| Peoria, Ill. | 44 | 32 | 4 | 2 |
| Rockford, Ill. | 45 | 24 | 4 | 5 |
| South Bend, Ind. | 35 | 18 | 2 | 1 |
| Toledo, Ohio | 111 | 68 | 6 | 9 |
| Youngstown, Ohio | 55 | 34 | - | - |
| WEST NORTH CENTRAL: | 864 | 522 | 27 | 42 |
| Des Moines, Iowa | 64 | 42 | 4 | 3 |
| Duluth, Minn. | 41 | 22 | - | 1 |
| Kansas City, Kans. | 34 | 14 | 3 | 6 |
| Kansas City, Mo. | 139 | 78 | 4 | 7 |
| Lincoln, Nebr. | 29 | 23 | 1 | 2 |
| Minneapolis, Minn. | 116 | 68 | - | 5 |
| Omaha, Nebr. | 69 | 48 | 1 | 3 |
| St. Louis, Mo. | 243 | 150 | 11 | 10 |
| St. Paul, Minn. | 98 | 61 | - | 4 |
| Wichita, Kans. | 31 | 16 | 3 | 1 |
| SOUTH ATLANTIC: | 1,194 | 638 | 53 | 55 |
| Atlanta, Ga. | 163 | 86 | 7 | 6 |
| Baltimore, Md. | 250 | 134 | 10 | 10 |
| Charlotte, N. C. | 46 | 17 | 1 | 3 |
| Jacksonville, Fla. | 62 | 28 | 5 | 2 |
| Miami, Fla. | 126 | 72 | 1 | 7 |
| Norfolk, Va. | 54 | 30 | 9 | 3 |
| Richmond, Va. | 71 | 38 | 1 | 1 |
| Savannah, Ga. | 32 | 15 | 1 | 2 |
| St. Petersburg, Fla. | 63 | 47 | 4 | - |
| Tampa, Fla. | 58 | 37 | 8 | 3 |
| Washington, D. C. | 225 | 109 | 6 | 13 |
| Wilmington, Del. | 44 | 25 | - | 5 |
| EAST SOUTH CENTRAL: | 668 | 369 | 37 | 36 |
| Birmingham, Ala. | 103 | 59 | 1 | 6 |
| Chattanooga, Tenn. | 54 | 32 | 6 | 1 |
| Knoxville, Tenn. | 30 | 17 | 2 | 1 |
| Louisville, Ky. | 101 | 57 | 11 | 5 |
| Memphis, Tenn. | 175 | 98 | 4 | 12 |
| Mobile, Ala. | 65 | 33 | 3 | 2 |
| Montgomery, Ala. | 33 | 16 | 4 | 2 |
| Nashville, Tenn. | 107 | 57 | 6 | 7 |
| WEST SOUTH CENTRAL: | 1,112 | 579 | 49 | 86 |
| Austin, Tex. | 38 | 19 | 5 | 2 |
| Baton Rouge, La. | 50 | 25 | 3 | 5 |
| Corpus Christi, Tex. | 24 | 14 | 1 | 6 |
| Dallas, Tex. | 172 | 79 | 6 | 14 |
| El Paso, Tex. | 47 | 26 | 1 | 3 |
| Fort Worth, Tex. | 95 | 46 | 1 | 8 |
| Houston, Tex. | 184 | 94 | 4 | 17 |
| Little Rock, Ark. | 57 | 34 | 2 | 9 |
| New Orleans, La. | 149 | 73 | 6 | 8 |
| Oklahoma City, Okla. | 66 | 39 | 1 | 4 |
| San Antonio, Tex. | 123 | 74 | 6 | 6 |
| Shreveport, La. | 56 | 31 | 10 | 1 |
| Tulsa, Okla. | 51 | 25 | 3 | 3 |
| MOUNTAIN: | 430 | 261 | 23 | 13 |
| Albuquerque, N. Mex. | 44 | 22 | 5 | 3 |
| Colorado Springs, Colo. | 34 | 19 | 3 | 3 |
| Denver, Colo. | 128 | 82 | 2 | 3 |
| Ogden, Utah | 21 | 13 | 4 | - |
| Phoenix, Ariz. | 59 | 35 | 1 | 3 |
| Pueblo, Colo. | 25 | 15 | 3 | - |
| Salt Lake City, Utah | 64 | 42 | 1 | 1 |
| Tucson, Ariz. | 55 | 33 | 4 | - |
| PACIFIC: | 1,733 | 1,094 | 38 | 67 |
| Berkeley, Calif. | 25 | 16 | - | - |
| Fresno, Calif. | 47 | 29 | 2 | - |
| Glendale, Calif. | 41 | 29 | 2 | 1 |
| Honolulu, Hawaii | 53 | 31 | - | 2 |
| Long Beach, Calif. | 76 | 47 | 7 | 9 |
| Los Angeles, Calif. | 520 | 328 | 7 | 20 |
| Oakland, Calif. | 87 | 55 | 3 | 1 |
| Pasadena, Calif. | 40 | 27 | - | 3 |
| Portland, Oreg. | 132 | 86 | 3 | 6 |
| Sacramento, Calif. | 63 | 35 | 3 | 1 |
| San Diego, Calif. | 112 | 68 | 2 | 6 |
| San Francisco, Calif. | 211 | 132 | 2 | 5 |
| San Jose, Calif. | 55 | 41 | - | 3 |
| Seattle, Wash. | 172 | 103 | 4 | 4 |
| Spokane, Wash. | 57 | 42 | 2 | 1 |
| Tacoma, Wash. | 42 | 25 | 1 | 5 |
| Total | 13,210 | 7,765 | 530 | 607 |

Cumulative Totals
including reported corrections for previous weeks

| | |
|---|---|
| All Causes, All Ages | 629,662 |
| All Causes, Age 65 and over | 359,932 |
| Pneumonia and Influenza, All Ages | 22,108 |
| All Causes, Under 1 Year of Age | 31,807 |

## SURVEILLANCE SUMMARY
## TUBERCULOSIS IN THE UNITED STATES, 1966

During 1966, the State Health Departments in the United States reported 47,767 new active cases of tuberculosis, establishing the "new case" rate as 24.4 per 100,000 population (Table 1). The corresponding figures for 1965 were 49,016 new cases and a rate of 25.3 per 100,000 population.

State rates ranged from a low of 6.5 in North Dakota to 55.5 in Alaska. The District of Columbia had a new case rate of 68.6 and Puerto Rico a rate of 46.7 per 100,000 population.

Estimates for December 31, 1966, show that on that that day there were 320,000 persons included in state and local health department tuberculosis registers. Of this total, 90,000 persons were classified as having active tuberculous disease, with 37,000 in hospitals, and 53,000 reported to be under care or supervision of clinics, private physicians, and other medical auspices.

Table 1

New Active Tuberculosis Cases and Case Rates

Each State 1965 and 1966

| State | New Active Cases | | Case Rate Per 100,000 Population | | Rank According to Rate | | Population July 1, 1966 |
|---|---|---|---|---|---|---|---|
| | 1965 | 1966 | 1965 | 1966 | 1965 | 1966 | |
| United States | 49,016 | 47,767 | 25.3 | 24.4 | .. | .. | 195,936,000 |
| Continental United States | 48,434 | 47,361 | 25.1 | 24.3 | .. | .. | 194,947,000 |
| Alabama | 1,417 | 1,214 | 40.6 | 34.6 | 3 | 7 | 3,511,000 |
| Alaska | 302 | 147 | 113.1 | 55.5 | 1 | 1 | 265,000 |
| Arizona | 573 | 503 | 36.4 | 31.4 | 7 | 10 | 1,603,000 |
| Arkansas | 649 | 587 | 33.4 | 30.0 | 10 | 12 | 1,956,000 |
| California | 4,577 | 4,658 | 24.9 | 24.8 | 23 | 24 | 18,802,000 |
| Colorado | 274 | 223 | 14.1 | 11.4 | 38 | 40 | 1,955,000 |
| Connecticut | 335(a) | 293(b) | 11.8 | 10.2 | 40 | 42 | 2,878,000 |
| Delaware | 141 | 173 | 28.0 | 33.7 | 18 | 8 | 513,000 |
| Dist. of Col. | 536 | 553 | 66.8 | 68.6 | .. | .. | 806,000 |
| Florida | 1,521 | 1,573 | 26.2 | 26.7 | 20 | 20 | 5,895,000 |
| Georgia | 1,269 | 1,273 | 28.9 | 28.6 | 14 | 14 | 4,446,000 |
| Hawaii | 280 | 259 | 39.4 | 35.8 | 5 | 4 | 724,000 |
| Idaho | 52 | 65 | 7.5 | 9.3 | 47 | 43 | 697,000 |
| Illinois | 3,250 | 2,938 | 30.5 | 27.2 | 12 | 18 | 10,785,000 |
| Indiana | 1,119 | 1,051 | 22.9 | 21.2 | 30 | 30 | 4,951,000 |
| Iowa | 166 | 184 | 6.0 | 6.7 | 50 | 49 | 2,760,000 |
| Kansas | 242 | 279 | 10.8 | 12.3 | 42 | 38 | 2,275,000 |
| Kentucky | 1,193 | 1,241 | 37.6 | 39.0 | 6 | 3 | 3,181,000 |
| Louisiana | 931 | 1,029 | 26.2 | 28.4 | 21 | 15 | 3,617,000 |
| Maine | 142 | 128 | 14.4 | 13.1 | 37 | 37 | 978,000 |
| Maryland | 1,234 | 1,217 | 34.9 | 33.7 | 9 | 9 | 3,612,000 |
| Massachusetts | 969 | 910 | 18.1 | 16.8 | 33 | 33 | 5,403,000 |
| Michigan | 2,199 | 2,263 | 26.4 | 26.7 | 19 | 19 | 8,468,000 |
| Minnesota | 419 | 400 | 11.8 | 11.2 | 41 | 41 | 3,572,000 |
| Mississippi | 661 | 654 | 28.6 | 28.0 | 15 | 17 | 2,337,000 |
| Missouri | 1,043 | 1,049 | 23.2 | 23.0 | 28 | 27 | 4,564,000 |
| Montana | 133 | 105 | 18.9 | 15.0 | 31 | 36 | 702,000 |
| Nebraska | 141 | 132 | 9.7 | 9.2 | 44 | 44 | 1,439,000 |
| Nevada | 189 | 231 | 43.5 | 53.6 | 2 | 2 | 431,000 |
| New Hampshire | 48 | 54 | 7.1 | 8.0 | 48 | 47 | 677,000 |
| New Jersey | 1,674 | 1,592 | 24.7 | 23.1 | 25 | 26 | 6,899,000 |
| New Mexico | 288 | 267 | 28.4 | 26.6 | 17 | 22 | 1,002,000 |
| New York | 5,869 | 5,296 | 32.4 | 29.1 | 11 | 13 | 18,205,000 |
| North Carolina | 1,276 | 1,266 | 25.9 | 25.5 | 22 | 23 | 4,972,000 |
| North Dakota | 49 | 42 | 7.5 | 6.5 | 46 | 50 | 643,000 |
| Ohio | 1,729 | 1,639 | 16.9 | 15.8 | 34 | 34 | 10,364,000 |
| Oklahoma | 605 | 538 | 24.7 | 21.7 | 24 | 29 | 2,477,000 |
| Oregon | 361 | 386 | 18.6 | 19.6 | 32 | 31 | 1,973,000 |
| Pennsylvania | 2,686 | 2,664 | 23.2 | 23.0 | 29 | 28 | 11,601,000 |
| Rhode Island | 140 | 140 | 15.7 | 15.6 | 36 | 35 | 896,000 |
| South Carolina | 758 | 690 | 29.7 | 26.7 | 13 | 21 | 2,588,000 |
| South Dakota | 166 | 158 | 24.2 | 23.3 | 27 | 25 | 679,000 |
| Tennessee | 1,356 | 1,380 | 35.2 | 35.7 | 8 | 5 | 3,866,000 |
| Texas | 2,583 | 3,037 | 24.4 | 28.3 | 26 | 16 | 10,747,000 |
| Utah | 88 | 75 | 8.9 | 7.4 | 45 | 48 | 1,007,000 |
| Vermont | 42 | 35 | 10.4 | 8.5 | 43 | 46 | 411,000 |
| Virginia | 1,754 | 1,573 | 39.7 | 35.2 | 4 | 6 | 4,468,000 |
| Washington | 488 | 551 | 16.4 | 18.1 | 35 | 32 | 3,041,000 |
| West Virginia | 518 | 544 | 28.5 | 30.1 | 16 | 11 | 1,809,000 |
| Wisconsin | 560 | 480 | 13.5 | 11.5 | 39 | 39 | 4,167,000 |
| Wyoming | 21 | 28 | 6.4 | 8.8 | 49 | 45 | 319,000 |
| Puerto Rico (c) | 1,486 | 1,247 | 56.4 | 46.7 | .. | .. | 2,668,000 |

(a) Excludes 152 diagnosed but not officially reported cases.

(b) Excludes 235 diagnosed but not officially reported cases.

(c) Not included in totals.

The District of Columbia is classed as a city, and is not ranked with the states.

## ERRATA FOR 1966 ANNUAL SUPPLEMENT TO MMWR
(Vol. 15, No. 53)

The following corrections of the ANNUAL SUPPLEMENT to the Morbidity and Mortality Weekly Report on REPORTED INCIDENCE OF NOTIFIABLE DISEASES IN THE UNITED STATES, 1966, released November 1967, are listed below and on page 439. These pages may be removed from this issue for proper insertion into individual copies of the 1966 Annual Supplement.

**Page 27, Table 14,** East North Central States, Total Number of Deaths, All Causes, All Ages: the figures in this column were transposed. The published transposed version is shown below corrected:

| | Transposed | CORRECTED |
|---|---|---|
| EAST NORTH CENTRAL: | 137,084 | 137,084 |
| Akron, Ohio | 2,244 | 3,375 |
| Canton, Ohio | 1,761 | 1,891 |
| Chicago, Ill. | 2,655 | 40,302 |
| Cincinnati, Ohio | 8,105 | 8,649 |
| Cleveland, Ohio | 1,782 | 11,196 |
| Columbus, Ohio | 6,861 | 6,524 |
| Dayton, Ohio | 2,006 | 4,133 |
| Detroit, Mich. | 1,674 | 18,560 |
| Evansville, Ind. | 2,057 | 2,197 |
| Flint, Mich. | 5,395 | 2,601 |
| Fort Wayne, Ind. | 3,116 | 2,244 |
| Gary, Ind. | 3,375 | 1,761 |
| Grand Rapids, Mich. | 1,891 | 2,655 |
| Indianapolis, Ind. | 40,302 | 8,105 |
| Madison, Wis. | 8,649 | 1,782 |
| Milwaukee, Wis. | 11,196 | 6,861 |
| Peoria, Ill. | 6,524 | 2,006 |
| Rockford, Ill. | 4,133 | 1,674 |
| South Bend, Ind. | 18,560 | 2,057 |
| Toledo, Ohio | 2,197 | 5,395 |
| Youngstown, Ohio | 2,601 | 3,116 |

**Page 34,** map showing geographic distribution of California and Eastern Encephalitis: Legend for "20+ cases" should be black; stippling should be deleted from Michigan, see Table 7, page 12.

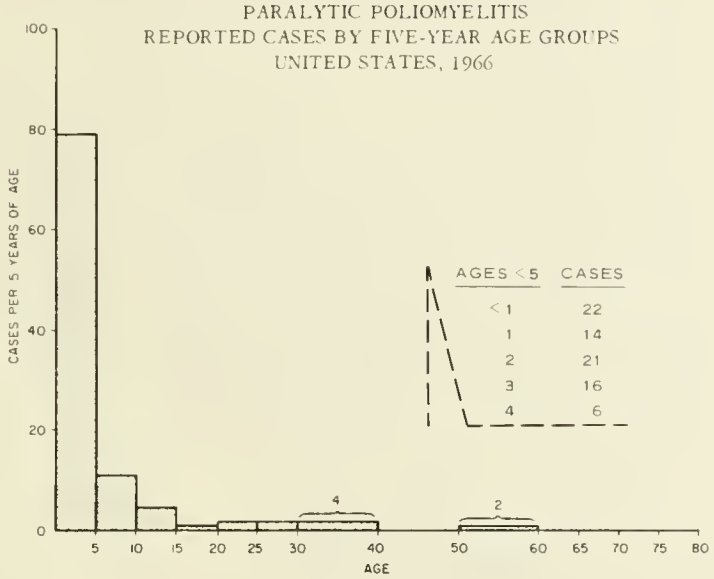
**Pages 47 and 55,** age distribution of cases under 5 years of age: inserts for paralytic poliomyelitis and for tetanus were transposed. Corrected charts are shown on page 439.

(Please clip out this page and insert in the
1966 Annual Supplement to MMWR)

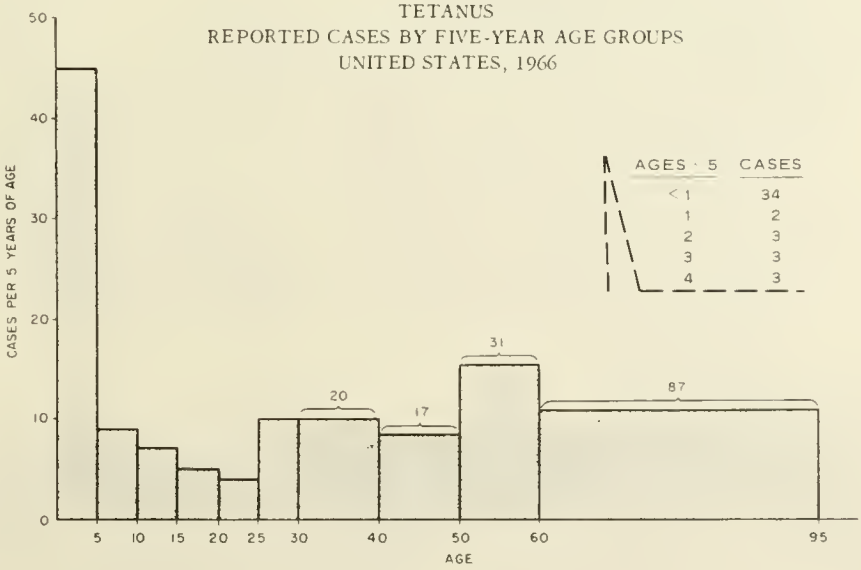
## CORRECTED CHARTS

1966 ANNUAL SUPPLEMENT TO MMWR
(Vol. 15, No. 53)

PARALYTIC POLIOMYELITIS
REPORTED CASES BY FIVE-YEAR AGE GROUPS
UNITED STATES, 1966




TETANUS
REPORTED CASES BY FIVE-YEAR AGE GROUPS
UNITED STATES, 1966



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THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 17,000, IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

DIRECTOR, NATIONAL COMMUNICABLE DISEASE CENTER — DAVID J. SENCER, M.D.
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ATLANTA, GEORGIA 30333
ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

U.S. DEPARTMENT OF
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